Leveraging Data Analytics in Battling Disease
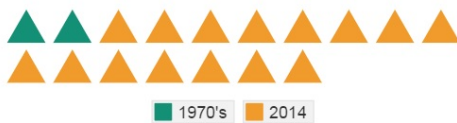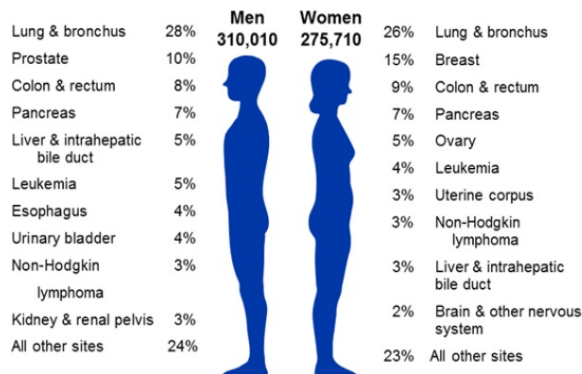
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HIT Healthcare Information Technology **APPLICATION SOLUTIONS**
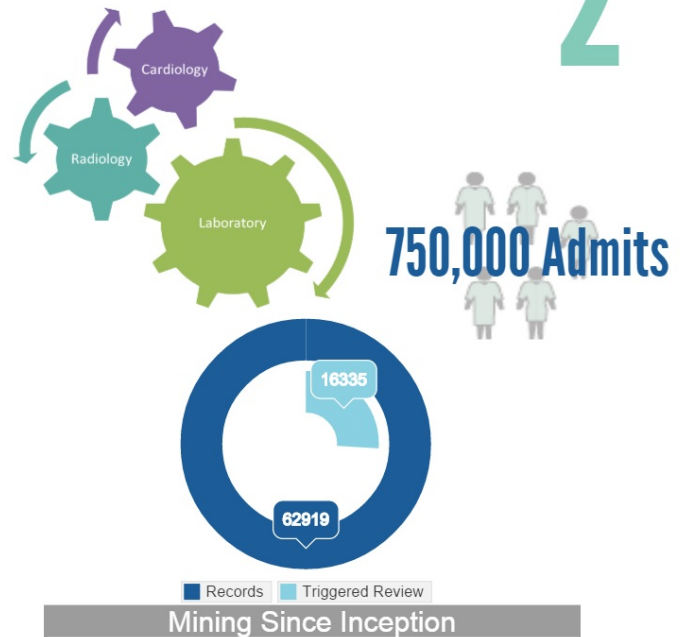
1 The Situation

Estimated Cancer Deaths in the US in 2014

Men 310,010 | **Women 275,710**

Lung & bronchus	28%		26%	Lung & bronchus
Prostate	10%		15%	Breast
Colon & rectum	8%		9%	Colon & rectum
Pancreas	7%		7%	Pancreas
Liver & intrahepatic bile duct	5%		5%	Ovary
Leukemia	5%		4%	Leukemia
Esophagus	4%		3%	Uterine corpus
Urinary bladder	4%		3%	Non-Hodgkin lymphoma
Non-Hodgkin lymphoma	3%		3%	Liver & intrahepatic bile duct
Kidney & renal pelvis	3%		2%	Brain & other nervous system
All other sites	24%		23%	All other sites

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■ 1970's ■ 2014

Providers Per Patient

2 Identifying Disease Quickly

Cardiology

Radiology

Laboratory

750,000 Admits

16335

62919

■ Records ■ Triggered Review

Mining Since Inception

3 Navigation

Electronic Health Record

The New Patient Portal — View test results and recent medical records at the click of a button. Learn More

Findings - Test Results

RISK AHEAD

Connect Providers

4 The Outcome

Patients

The Sweet Spot

Hospitals And Clinics

Physicians

2500
2000
1500
1000
500
0

Lives Navigated

■ 2013 (6 Months) ■ 2014

Results